

WHAT IS CLAIMED IS:

1        1. An image display apparatus comprising:  
2        one or more prism sheets provided between an image emitting  
3        surface of an image generating part in said image display  
4        apparatus and an image display surface of said image display  
5        apparatus, divided so as to be respectively corresponded to  
6        display elements that are minimum display units forming an image  
7        and provided with a prism surface on an exit surface so that light  
8        rays incident on an incident surface exit in an approximately  
9        vertical direction of said incident surface.

1        2. The image display apparatus according to Claim 1,  
2        wherein said image display apparatus is an organic  
3        electroluminescence display and comprises a metal electrode layer,  
4        an electron carrying layer formed on an upper surface of said metal  
5        electrode layer, an emitting layer formed on an upper surface of  
6        said electron carrying layer, a hole carrying layer formed on an  
7        upper surface of said emitting layer, an Indium Tin Oxide film  
8        formed on an upper surface of said hole carrying layer, a glass  
9        substrate arranged on an upper surface of said Indium Tin Oxide  
10       film and an circularly polarizing filter and an antireflection  
11       film arranged on an upper surface of said glass substrate, and  
12       wherein said prism sheet is provided between said Indium Tin Oxide  
13       film and said antireflection film, is divided so as to be  
14       respectively corresponded to display elements that are minimum  
15       display units forming an image of said emitting layer and is  
16       provided with a prism surface on an exit surface so that light  
17       rays incident on an incident surface output in an approximately  
18       vertical direction of said incident surface.

1           3. The image display apparatus according to Claim 2,  
2 wherein said prism sheet is provided between said glass substrate  
3 and said circularly polarizing filter.

1           4. The image display apparatus according to Claim 1,  
2 wherein said image display apparatus is a liquid crystal display  
3 and comprises a lower substrate part including a first glass  
4 substrate, a first polarizing filter formed under a lower surface  
5 of said first glass substrate, and a first Indium Tin Oxide film  
6 formed on an upper surface of said glass substrate and provided  
7 with display elements that are minimum display units forming an  
8 image in a matrix, a light-introducing plate arranged under a  
9 lower surface of said lower substrate part, a light source  
10 arranged adjacently to said light-introducing plate, an upper  
11 substrate part including a second glass substrate, a color filter  
12 divided so as to be respectively corresponded to said display  
13 elements that are said minimum display units forming said image  
14 and formed on said second glass substrate and a second Indium Tin  
15 Oxide film that is a common electrode formed under a lower side  
16 of said second glass substrate, liquid crystal elements arranged  
17 between said lower substrate part and said upper substrate part,  
18 a second polarizing filter provided on an upper surface of said  
19 upper substrate part and antireflection film provided on said  
20 second polarizing filter, and wherein said prism sheet is provided  
21 between said upper substrate part and said antireflection film,  
22 is divided so as to be respectively corresponded to said display  
23 elements that are minimum display units forming an image and is  
24 provided with a prism surface on an exit surface so that light  
25 rays incident on an incident surface exit in an approximately  
26 vertical direction of said incident surface.

1           5. The image display apparatus according to Claim 4,  
2 wherein said prism sheet is provided between said second  
3 polarizing filter and said antireflection film.

1           6. The image display apparatus according to Claim 4,  
2 wherein said prism sheet is provided between said upper substrate  
3 sheet and said second polarizing filter.

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